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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/607,585

06/26/2003

Timothy Alan Dietz

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IBM CORPORATION

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EXAMINER

NGUYEN, DUSTIN

ART UNIT

PAPER NUMBER

2154

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/06/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/607,585	DIETZ ET AL.	
	Examiner	Art Unit	
	Dustin Nguyen	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>06/26/2003</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 are presented for examination.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 14-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. As per claim 14, Applicants are claiming "a computer program ... comprising ... web database source servers", it is indefinite because a computer program comprising servers is not clearly explain (it appears that the Applicants intend to claim a system).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-4, 7-11, 14-17 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Blewett [US Patent No 5,835,718].

6. As per claim 1, Blewett discloses the invention as claimed including in a World Wide Web (Web) communication network with user access via a plurality of data processor controlled interactive receiving display stations for displaying received Web documents accessible from database sources on the Web [i.e. local computer system allows local user to access data storage of a remote computer system] [Figure 1; and col 3, lines 40-58], a system for simplifying the Uniform Resource Locators (URLs) displayed for each received Web document comprising:

service provider means for accessing Web documents for said receiving display stations responsive to user requests [i.e. a local-paper.com machine in being served to the local user] [8, Figure 1; col 3, lines 49-59; and col 4, lines 16-21];

Web database source servers [i.e. regional computer system] [10, Figure 1; and col 3, lines 50-54], responsive to service provider requests including:

means for accessing requested Web documents from said Web database sources [i.e. access a data storage unit on the other computer system network 10] [14, Figure 1; col 2, lines 52-62; and col 3, lines 50-54], and

means for defining the URLs for said accessed Web documents to include a URL domain section and a URL path portion within the database source [i.e. domain name, directory path] [col 3, lines 17-24; and col 4, lines 1-4]; and

means in said service provider to convert the original URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler than the original URL path portion [i.e.

Art Unit: 2154

rewriting URL from regional-paper to local-paper] [22, Figure 2; Abstract; and col 4, lines 13-16 and lines 27-44].

7. As per claim 2, Blewett discloses wherein said path portion in said converted URL is shorter than the path portion in the original URL [i.e. 127.html vs. regional-today.html] [col 4, lines 27-33].

8. As per claim 3, Blewett discloses wherein said means for defining the URLs for said accessed Web documents dynamically generate said URL path portion [i.e. rewriting URLs on the fly as they pass through] [col 4, lines 13-27].

9. As per claim 4, Blewett discloses wherein: said means for converting said original URLs are optional [i.e. if desire to leave the user's environment unchanged] [col 4, lines 51-56]; and further including means enabling an authorized user to activate said optional means for converting said original URLs [i.e. determine if access to the remote URL is to be granted or denied] [col 5, lines 24-29].

10. As per claim 7, Blewett discloses means in said service provider for respectively reconverting said converted URLs back to the original URLs [i.e. determine actual URL] [30, Figure 2; and col 4, lines 38-44]; whereby Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the database sources on the Web [col 4, lines 33-56].

11. As per claims 8-11, they are rejected for similar reasons as stated above in claims 1-4.

12. As per claims 14-17 and 20, they are rejected for similar reasons as stated above in claims 1-4 and 7.

Claim Rejections - 35 USC § 103

13. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

14. Claims 5, 6, 12, 13, 18 and 19 rejected under 35 U.S.C. 103(a) as being unpatentable over Blewett [US Patent No 5,835,718], in view of Weller et al. [US Patent No 7,149,797].

15. As per claim 5, Blewett does not specifically disclose means in said service provider to charge a user a fee for activating said means for converting an original URL. Weller discloses means in said service provider to charge a user a fee for activating said means for converting an original URL [i.e. monthly service charge or fee] [col 6, lines 65-col 7, lines 6; and col 7, lines 13-20]. It would have been obvious to a person skill in the art at the time the invention was made to combine the teaching of Blewett and Weller because the teaching of Weller would allow customer to have access to and can make available to participating content providers one

Art Unit: 2154

or more of the content delivery services available from the global CDN without having to provide the large capital investment [Weller, col 2, lines 19-35].

16. As per claim 6, Weller discloses wherein said user activating said means for converting is a host of a Web database source defining the original URL [col 4, lines 27-31; and col 10, lines 34-46].

17. As per claims 12 and 13, they are rejected for similar reasons as stated above in claims 5 and 6.

18. As per claims 18 and 19, they are rejected for similar reasons as stated above in claims 5 and 6.

19. A shortened statutory period for response to this action is set to expire **3 (three) months and 0 (zero) days** from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the application (see 35 U.S.C 133, M.P.E.P 710.02, 710.02(b)).

Art Unit: 2154

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached at (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dustin Nguyen

Examiner

Art Unit 2154

A handwritten signature in black ink, appearing to read 'Dustin', with a long horizontal stroke extending to the right.